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PATENT

Attorney Docket No. 5231.5-4013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): John S. Yates, Jr., et al.

Serial No.: 09/239,194

Filed: January 28, 1999

Examiner: Van H. Nguyen

Art Unit: 2151

I certify that this correspondence, along with any documents referred to therein, is being transmitted by facsimile on October 28, 2002 to The Commissioner for Patents, Washington D.C. 20231.

[Signature]

Title: EXECUTING PROGRAMS FOR A FIRST COMPUTER ARCHITECTURE ON A COMPUTER OF A SECOND ARCHITECTURE

COMMISSIONER FOR PATENTS
Washington D.C. 20231

AMENDMENT IN RESPONSE TO
RESTRICTION REQUIREMENT OF AUGUST 26, 2002

In response to the Restriction Requirement of August 26, 2002, Applicant amends the application and responds as follows.

In The Claims:

Please add the following new claims:

82. (new) The method of claim 5, further comprising the step of:
without modifying a pre-existing thread scheduler of the computer, establishing an entry handler for execution at a specified entry point or on a specified entry condition to the thread scheduler, the entry handler programmed to save a context of an interrupted thread and modify the thread context before delivering the modified context to the thread scheduler.

83. (new) The method of claim 20, further comprising the steps of:
during invocation of a service routine of the operating system, passing a linkage return address to the service routine at which to resume execution on completion of the service, the linkage return address being deliberately chosen so that an attempt to execute an instruction from

Response to Restriction Requirement
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